

### CLAIMS

1. Roof-rack bar for automobile vehicles of the type comprising a transverse bar and two fastening feet mounted at the ends of said transverse bar and lying in the axis of the latter, said feet being provided to operate in conjunction with  
5 the guidance and maintenance side rails mounted on said automobile vehicle and being capable of sliding along said side rails in an adjustment position, the angle between said transverse bar and each of said side rails remaining more or less constant when the bar is displaced along side rails,  
10 characterized in that at least one of said feet comprises a housing in which one end of said transverse bar can slide between two extreme positions in order to adapt to a variable distance between said side rails, said housing comprising first locking and/or reinforcement means capable of operating in  
15 conjunction with second complementary locking and/or reinforcement means fitted on said transverse bar to immobilize or authorize the displacement of said end of the transverse bar inside said housing.

2. Roof-rack bar of claim 1 characterized in that said  
20 second locking and/or reinforcement means fitted on said transverse bar operate in conjunction with said first locking and/or reinforcement means in the locked position in order to eliminate or reduce the transversal play between said transverse bar and the surfaces of said housing.

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5. Roof-rack bar of any of claims 1 to 4 characterized in that said first and second locking and/or reinforcement means comprise at least one rack.

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- 5           12. Roof-rack bar of claim 11 characterized in that said  
actuating means control the immobilization of the two  
fastening feet.

14. Roof-rack bar of claim 13 characterized in that said  
actuating means are connected to said via a first cable to said  
first or second locking and/or reinforcement means, a second  
15 cable connecting said first or second locking and/or  
reinforcement means to the means for immobilizing said  
opposite foot.

16. Roof-rack for automobile vehicles consisting of at least two roof-rack bars, characterized in that at least one of them is a roof-rack bar of any of claims 1 to 15.

18. Roof-rack of either of claims 16 or 17 characterized in that said roof-rack bars can be grouped together to constitute an aerofoil.